



4/7

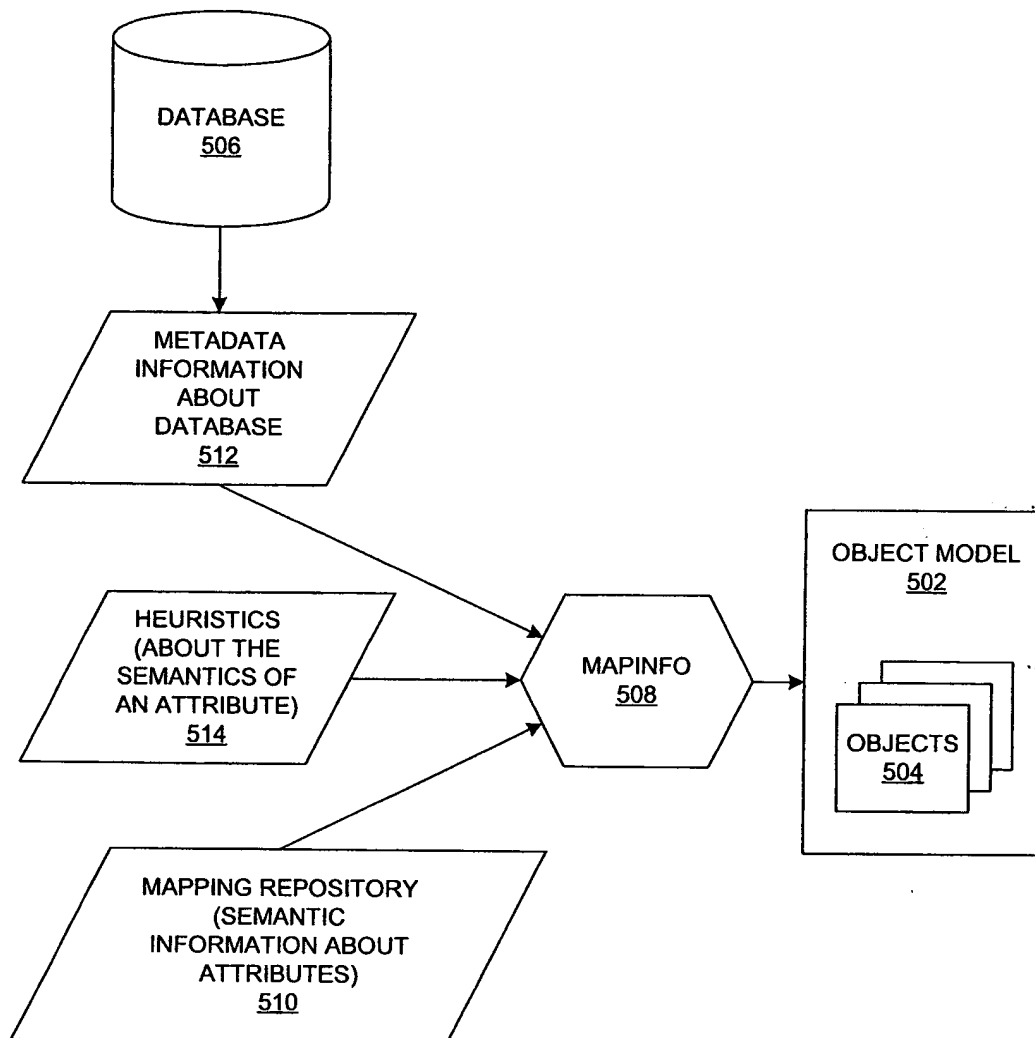


FIG. 5

600 {
Java Class Definition
class Author {
private String m_author_id;
private String m_author_name;
private String m_url;
private String m_description;
}

FIG. 6A

MARKED-UP

Approved for 12/4/04



600
610

```
<MappingRecord classname="Author" >
  <TableName> AUTH_TABLE </TableName>
  <Attribute position="1">
    <ClassField type="String"> m_author_id </ClassField>
    <DBField> AUTHOR_ID </DBField>
    <Truncatable> NO </Truncatable>
  </Attribute>
  <Attribute position="2">
    <ClassField type="String"> m_author_name </ClassField>
    <DBField> NAME </DBField>
    <Truncatable> NO </Truncatable>
  </Attribute>
  <Attribute position="3">
    <ClassField type="String"> m_url </ClassField>
    <DBField> URL </DBField>
    <Truncatable> NO </Truncatable>
  </Attribute>
  <Attribute position="4">
    <ClassField type="String"> m_description </ClassField>
    <DBField> DESCRIPTION </DBField>
    <Truncatable> YES </Truncatable>
  </Attribute>
</MappingRecord>
```

FIG. 6B

620

```
<Table name="AUTH_TABLE" numattributes="4">
  <PrimaryKey>
    <Field name="AUTHOR_ID" pos="1">
      <Type> VARCHAR2 </Type>
      <Nullable> FALSE </Nullable>
      <Length> 20 </Length>
    </Field>
  </PrimaryKey>
  <Field name="NAME" pos="2">
    <Type> VARCHAR2 </Type>
    <Nullable> FALSE </Nullable>
    <Length> 40 </Length>
  </Field>
  <Field name="URL" pos="3">
    <Type> VARCHAR2 </Type>
    <Nullable> FALSE </Nullable>
    <Length> 1024 </Length>
  </Field>
  <Field name="DESCRIPTION" pos="4">
    <Type> VARCHAR2 </Type>
    <Nullable> FALSE </Nullable>
    <Length> 512 </Length>
  </Field>
</Table>
```

FIG. 6C

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